

20020729.qrp v02_n631.qrl.20020729

Date: Mon, 29 Jul 2002 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2631

QRP-L Digest 2631

Topics covered in this issue include:

- 1) [130916] IOTA + BB
by Steven Weber <kd1jv@moose.ncia.net>
- 2) [130917] BB#17 N6WG
by "Bob Tellefsen" <n6wg@earthlink.net>
- 3) [130918] BB in CA
by "Ian Wilson" <ianmwilson@earthlink.net>
- 4) [130919] So why are the bands so poor?
by "Rod N0RC" <rod@n0rc.us>
- 5) [130920] KnightSMite and Silver Contacts SOLD
by "N3BJ" <N3BJ@hotmail.com>
- 6) [130921] OT: the Chinese receiver has a website page...
by Ed Tanton <n4xy@earthlink.net>
- 7) [130922] This BB is fried
by "Jerry Ford" <benlightnd13@mchsi.com>
- 8) [130923] Re: BB on the fly
by "ss lyon" <sslyon@megalink.net>
- 9) [130924] Has U Aver
by hamjoel@juno.com
- 10) [130925] BB propagation woes
by "ss lyon" <sslyon@megalink.net>
- 11) [130926] AT in PA Saturday Pictures
by "Ron Polityka" <wb3aal@fast.net>
- 12) [130927] BB #18 K0EVZ
by "wilford lindsey" <dock0evz@earthlink.net>
- 13) [130928] Re: Small QRP receiver...Don't forget the MRX
by "Chetan Bhargava" <wiz@bhargavaz.net>
- 14) [130929] Tuthill Sumary
by "James R. Duffey" <jamesd1@flash.net>
- 15) [130930] RE: Coax Adapter Loss -- Mostly Myth
by "James R. Duffey" <jamesd1@flash.net>
- 16) [130931] Re: Tuthill Sumary
by "James R. Duffey" <jamesd1@flash.net>
- 17) [130932] Re: Contest: Flight of the Bumblebees - K7RE
by "George, W5YR" <w5yr@att.net>
- 18) [130933] Re: Small QRP receiver...Don't forget the MRX
by "Leon Heller" <leon_heller@hotmail.com>
- 19) [130934] Re: IOTA + BB

- by Bob Nielsen <nielsen@oz.net>
- 20) [130935] Re: Has U Aver
by Bill ROWLETT <kc4atu@yahoo.com>
- 21) [130936] Re: Canada trip upcoming
by "Charles Mabbott" <aa8vs@msn.com>
- 22) [130937] Bumblebee Logs - Turn 'em in
by "John Huffman" <hjohnc@core.com>
- 23) [130938] RE: Coax Adapter Loss -- Mostly Myth
by Nick Kennedy <nkennedy@tcainternet.com>
- 24) [130939] Michigan QRP Net
by kwiike@gdls.com
- 25) [130940] Coax Adapter Loss -- Mostly Myth [Black Plastic]
by Chuck Carpenter <w5usj@9plus.net>
- 26) [130941] Want to operate in Canada? --- Read this
by Gary Halpern <gary.halpern@sympatico.ca>
- 27) [130942] PSK31 BW & Data Transfer rate?
by Philip Karras <ke3fl@yahoo.com>
- 28) [130943] Patcomm Rigs - Dearth of Info
by "Jerry Bartachek" <leadsheet@musician.org>
- 29) [130944] Re: PSK31 BW & Data Transfer rate?
by "Jeff Davis" <ke9v@att.net>
- 30) [130945] Re: PSK31 BW & Data Transfer rate?
by "Jeff Davis" <ke9v@att.net>
- 31) [130946] Re: 12v Battery Monitor circuit
by "Paul G Kaczmarek" <Paul.G.Kaczmarek@usa.dupont.com>
- 32) [130947] Re: PSK31 BW & Data Transfer rate?
by "George, W5YR" <w5yr@att.net>
- 33) [130948] Patcomm Rigs - Dearth of Info
by N1EU <n1eu@yahoo.com>
- 34) [130949] Re: Eudora
by brewerj@squared.com
- 35) [130950] Re: Patcomm Rigs - Dearth of Info
by Ed Lawson <k1vp@grizzly.com>
- 36) [130951] Re: PSK31 BW & Data Transfer rate?
by Philip Karras <ke3fl@yahoo.com>
- 37) [130952] Re: Patcomm Rigs - Dearth of Info
by "Walter AG5P" <walter@accessus.net>
- 38) [130953] Tuthill Summary
by "Karl F. Larsen" <k5di@zianet.com>
- 39) [130954] Fox - Summer Hunt Teams Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 40) [130955] RE: Eudora
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 41) [130956] Re: (88' doublet) RE: Conjugate Matching Demonstration
by "Marty N5NW" <n5nw@n5nw.org>
- 42) [130957] Fox - Summer Hunt Teams Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 43) [130958] Re: PSK31 BW

- by "Marty N5NW" <n5nw@n5nw.org>
- 44) [130959] Re: Eudora and Fox Teams so far.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 45) [130960] Re: Patcomm Rigs - Dearth of Info
by Steven Weber <kd1jv@moose.ncia.net>
- 46) [130961] NorCal Meeting Treat!
by "Dave Fifield" <dave@redhotradio.com>
- 47) [130962] Re: PSK31 BW
by Michael Pupeza <mpupeza@sympatico.ca>
- 48) [130963] Patcomm website
by "David J. Adams" <david@theadamsclan.com>
- 49) [130964] ten tec 208 CW filter
by Marv Fagenson <k6hcj@juno.com>
- 50) [130965] CW filter for argo 509
by Marv Fagenson <k6hcj@juno.com>
- 51) [130966] Re: Tuthill Sumary
by "Tim, N9PUZ" <n9puz@arrl.net>
- 52) [130967] Meter for SWR meter
by Steven Weber <kd1jv@moose.ncia.net>
- 53) [130968] Re: PSK31 BW
by David Hinerman <WD8CIV@worldnet.att.net>
- 54) [130969] Re: [Patcomm website]
by "P.Ermisch" <ermisch@usa.net>
- 55) [130970] Re: Patcomm website
by K5BDZ@aol.com
- 56) [130971] Re: Meter for SWR meter
by David Hinerman <WD8CIV@worldnet.att.net>
- 57) [130972] American Morse Equipment (was Tuthill Sumary)
by Steve Smith <sigcom@juno.com>
- 58) [130973] Re: Patcomm website
by "Walter AG5P" <walter@accessus.net>
- 59) [130974] Re: Patcomm website
by Ed Lawson <k1vp@grizzly.com>
- 60) [130975] Re: [Patcomm website]
by "Mark J. Dulcey" <mark@buttery.org>
- 61) [130976] Re: 12v Battery Monitor circuit - Milestone Technologies
by Jim Larsen - AL7FS <AL7FS@arrl.net>
- 62) [130977] Re: Meter for SWR meter
by "Walter AG5P" <walter@accessus.net>
- 63) [130978] Re: CW filter for argo 509
by David Gauding <david.gauding@bbs.galilei.com>
- 64) [130979] RE: NorCal Meeting Treat!
by "Michael Bower N4NMR" <bowerm@ix.netcom.com>
- 65) [130980] Re: Meter for SWR meter
by "Mike Yetsko" <myetsko@insydesw.com>
- 66) [130981] Counterpoise Question
by <jfox6@houston.rr.com>
- 67) [130982] Re: [Patcomm website]

by Ed Lawson <k1vp@grizzly.com>
68) [130983] Sneak preview of DSWTUN95 release 2.02
by "Bill, N4QA" <n4qa@hotmail.com>
69) [130984] CAUTION
by <mgoins@usa.net>
70) [130985] Re: Coax Adapter Loss -- Mostly Myth
by Wb4taj9@aol.com

Date: Sun, 28 Jul 2002 19:18:27 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [130916] IOTA + BB
Message-ID: <3.0.6.32.20020728191827.007a5410@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I played in the IOTA contest last night and made 27 Q's, all 5w pep SSB.
Most of those Island stations and many new countries for me at 5 watts. Now
to go and find a list of the IOTA island numbers and figure out where the
heck some of these places are :-)

Seab, AA1MY and I hike about a mile up onto the south ridge of Mt
Jefferson, at an altitude of about 3500 feet and managed to get an 88 up in
the trees despite the fact we both forgot our fishing line spinners! The
trees are only about 20-25 feet tall up there, so it wasn't too bad..

Seab's got the log, so don't know the final count, but we managed to work 2
stations on 15, half a dozen or so on 40 and of course, a whole bunch on
20. The wind picked up in the afternoon and the clouds started to roll over
the Mt Washington ridge line, coming in our direction, but the forecast
showers and T storms never quite got to us. The Black Flies were fairly
thick though, which made for interesting operating conditions and sudden
pauses in keying. All in all, was a nice afternoon.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sun, 28 Jul 2002 16:38:49 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>

Subject: [130917] BB#17 N6WG
Message-ID: <MABBJOEABOILMKCJCLFCMEIHDHAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rather than backpack my load of stuff, I used my handtruck to haul my station up to our Field Day site. It's about a city block long uphill push. Card table, folding chair, small battery, three 5w solar panels, antenna launcher, antenna, lunch and water. Oh yeah, K2 #12 also.

One shot with the launcher put the 20m dipole center up about 40 ft. I had enough string to pull the ends out for a very shallow inverted V. Good old cheap 300 ohm twinlead for the feeder. Brought both my 1:1 and 4:1 baluns. Unfortunately the 4:1 is in an Altoids tin, and needs a BNC cable to connect to the rig. Guess what I forgot to bring :-). Oh, well, the 1:1 has a captive lead with BNC connector on it, so I went with it and managed ok. Best match was on 40m at 1.5:1. 20m and 15m were just at 2:1, so that was good enough.

I thought I did pretty poor, but looking at some of the early returns, maybe I did adequately, anyway. Got 6 QSO on 40m, 34 on 20m and 16 on 15m. Total of 29 BB, so figures to 4872 points. We'll see how this holds up in comparison with others.

Really nice weather. Cool in the morning with overcast, then burned off for nice warm day. Several hikers, bicycle riders and a few horse riders came through. Got to visit with them, and explain our favorite flavor of madness. Some even appeared to understand! Wow.

Anyway, great time. Hope you all had as much fun.

73, Bob N6WG

Date: Sun, 28 Jul 2002 16:49:05 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130918] BB in CA
Message-ID: <002901c23691\$5c053c40\$0b02a8c0@trabucoserver>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just back from my first BB. QTH was a few hundred feet below the summit of Mount Modjeska in Southern California. Wx was superb, not as hot (high 90's) as it's been at lower altitudes recently. (Drove there - dirt mountain road - since we didn't have a BB number, and didn't have portable mount for the SLV fixed up properly).

Fortunately had mostly 20m gear, since we heard only one station on 15m. Not as much QSB here as apparent elsewhere. Made 10 or so contacts, would have made more but for some trouble with keyer. Were calling CQ BB - is this right with no number?

Was a blast, looking forward to next year's event already :)

--ian K3IMW/6

Date: Sun, 28 Jul 2002 18:02:27 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130919] So why are the bands so poor?
Message-ID: <002301c23693\$3b512020\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SFI is up way up, so the Ionosphere should be in good shape.

A & K indices are elevated, that accounts for the noise on 40, 30 & somewhat on 20.

But why such attenuation on the upper bands? I listened for the NCDXF beacon on 10, 15, & 20m, nothing! It is quite unusual to not hear at least a few of them.

Could it be the Proton event? I can't info on Proton event effects on radio propagation.

So what gives? What are the salient conditions that have degraded HF radio propagation?

73, Rod NØRC

Date: Sun, 28 Jul 2002 20:02:50 -0400
From: "N3BJ" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130920] KnightSMite and Silver Contacts SOLD
Message-ID: <0E518Ua8d9Ee4zadTMV00001bb4@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Both are sold, thanks for the responses.

Alan, N3BJ
Bent Mountain, VA

Date: Sun, 28 Jul 2002 20:15:32 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [130921] OT: the Chinese receiver has a website page...
Message-ID: <5.1.1.6.2.20020728201241.02f1b678@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The complete story-with the pictures-on the Chinese receiver trade (for an R-390) can be seen at: <http://www.n4xy.com/RCVR_Chinese_Army.html> . Not here yet-but isn't inside the 4 weeks window for another couple of weeks

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

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Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sun, 28 Jul 2002 19:13:18 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [130922] This BB is fried
Message-ID: <006f01c23694\$be05b520\$6d74da0c@mchsi.com>

Well things weren't all that hot in the midwest if you don't consider the wx.

An hour and a half drive, a 15 minute hike, 20 minutes to set up and away we went.

I managed 40 Q's with 20 Bee's bagged. I got the wild idea that using a loop would give we a bit of an advantage so a 40 mtr loop it was. A 1/4 wave of 75 ohm as a feeder with the loop up about 12 feet.

K-1 #601 had not trouble tuning but I ended up with the idea that the losses offset the advantage in capture area.

Ole well, it was a lot of fun and I will save some money in the long run. (don't have to use the tanning bed for awhile)

My thanks to the gang for the contacts and I hope everyone had a great time.

73 to the group: Jerry N0JRN

Date: Mon, 29 Jul 2002 08:44:34 -0400
From: "ss lyon" <sslyon@megalink.net>
To: <benlightnd13@mchsi.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130923] Re: BB on the fly
Message-ID: <001201c236fd\$b16afdc0\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice sig up on Mt Jefferson in NH, Jerry... good to hear you between black fly swatting frenzies. ('BFSF' up here)

72

aa1my/bb75

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Jerry Ford" <benlightnd13@mchsi.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, July 28, 2002 10:32 AM

Subject: BB on the fly

> Gang: BB # 27 will be operating from Herculee's Glades in
> the Mark Twain National Forest. I'm looking forward to hearing
> everyone today.
> Good luck to all and all you BB's have a good / safe trip.
>
> 72 / 73 Jerry NOJRN
>
>

Date: Sun, 28 Jul 2002 20:47:31 -0400
From: hamjoel@juno.com
To: fpqrp-l@mpna.com, qrp-l@lehigh.edu, LL11142@aol.com,
redddenison@aol.com, mgoins@usa.net
Subject: [130924] Has U Aver
Message-ID: <20020728.204900.-196165.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Y';all

has y'all evah taken ur qrp rig to the back porch at sunset and watched falling stars as u called cq... or get drowned out by the "quiet" of the night as the frogs and crickets and uttercritters started making noise.....

U favorite dog sittin by ur side as the wind gently blows across the

porch... and the stars coming out like little qrp signals from every
where.... and the moon, big as a barn, come rising up and casting light
on all things...

Has u evah snuggled up in ur sleepin bag, listened to the night critters
and cw and wonder whare they all come from...and how just a few watts can
penetrat all that... while Phi-Deaux licks ur mouth and nose... or guinie
pigs run up and down ur legs in the sleepin bag.

Has u evah stood thair and realize how awesome it all is and u and ur
little qrp rig, like them little sparkling stars, is a part of it all...
and while u hunt for Delaware or west va. did u realize the life and
death struggle goin on around u by those little wonderful sounding
critters.... Heah u is relaxed and enjoying life, while critters all
around u is evah alert... cept for ur pet of course... they kneaux they
be safe cause u bee thair... they got confidence in u... and could care
less iff u qrp gots many contacts or none at all... cause they bees
with u...

Has u aver...

kella joel
in maine
yes ah has ever
now and again

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Date: Mon, 29 Jul 2002 08:54:46 -0400
From: "ss lyon" <sslyon@megalink.net>
To: "chat qrp" <qrp-1@lehigh.edu>
Subject: [130925] BB propagation woes
Message-ID: <001e01c236ff\$1e2fba80\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

sure seemed spotty as AL7FS noted, and just read why -after sufficient libation
and ibu-p to numb the legs and black fly bites:

>From Space Weather:

On Friday, an explosion
near one of them--giant sunspot 39--hurled a coronal mass ejection (CME)
into space. Although the CME was not squarely Earth-directed, some of the
cloud is heading our way. It could sweep past Earth as early as Sunday,

July 28th, and trigger geomagnetic activity. Sky watchers should be alert

.....

KD1JV and I were definitely alert, in order to prevent the need for med-evac for loss of blood to these merciless, mean, rotten and nasty sud bluckers. Wait'll i get the strength up to 'soap box' this one.

71

AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Sun, 28 Jul 2002 21:09:32 -0400
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@lehigh.edu>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [130926] AT in PA Saturday Pictures
Message-ID: <003e01c2369c\$9f345400\$c6605cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Check out www.n3epa.org/ and click on The Appalachian Trail Awards.
Then go to Trail Trip Photos. Click on PA.

Have fun.

72

Ron de WB3AAL
www.n3epa.org/

Date: Sun, 28 Jul 2002 22:3:1 -0500
From: "wilford lindsey" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [130927] BB #18 K0EVZ

Message-ID: <4120027129331459@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

As elsewhere, conditions here in central ND were not optimum. I started out on 15 Metres, but managed only three QSOes. Then moved to 20 for the remainder of the BB. Final totals = 59 Qsoes, of which 29 were BumbleBees.

Setup here was K1 to the usual Inverted Wye, augmented this time with two extra radials. Location was high atop Ft. Lincoln, on the west bank of the Missouri south of Mandan, ND.

Thanks to all who dropped by, including Jim AL7FS who was 579 at the time [g]. Thanks as well to those who put this outstanding event together. It was a fun time and I am already looking forward to next year.

73,
--Doc/K0EVZ

--- wilford lindsey
--- dock0evz@earthlink.net
--- EarthLink: The #1 provider of the Real Internet.

Date: Sun, 28 Jul 2002 20:03:20 -0700
From: "Chetan Bhargava" <wiz@bhargavaz.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130928] Re: Small QRP receiver...Don't forget the MRX
Message-ID: <001901c236ac\$86e0a7e0\$0100a8c0@main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi People,

Thanks for all the suggestions regarding Small QRP receiver, I have chosen to build the MRX-40 (<http://www.arrl.org/tis/info/pdf/99759.pdf>). I have arranged for the parts but I can't find the monolithic caps. I also have some questions about the design. Can I replace the monolithic caps with ceramic devices? Can a 1N4007 be used in place of 1N4004? What kind of

antenna would be good for this? Should I use a standard dipole?

Thanks again,

Chetan Bhargava
<http://www.bhargavaz.net>

Date: Sun, 28 Jul 2002 21:37:45 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [130929] Tuthill Sumary
Message-ID: <B96A14A9.19E31%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I have just returned from the annual Arizonia SQRPion's QRP forum and Arizona State ARRL Convention. Despite somewhat lowered attendance due to fire worries and campground uncertainties, it was a big success.

Southwest QRPers got the first views of two new QRP items.

Straight from Lobstercon, Doug Hendricks, KI6DS, had a Rock-Mite from Dave Benson's Small Wonder Labs. This is a rig that sets a new standard for what one can put in an Altoids tin! The Rock Mite is a crystal controlled transceiver, with 2 selectable frequencies, a built in keyer, and a super selective crystal filter front end to overcome potential SW broadcast interference. Available now on 7040, I can't wait to get a 30 M version. I predict Dave will sell a lot of these.

The second item is a small iambic paddle from Doug, KI6RIE. It is small; about 2 inches long by 1.25 inches wide, made from anodized aluminum, with very smooth bearings. It has a very nice feel and the tension and spacing are independently adjustable. It is a nice looking paddle, even my wife commented on how nice it looks. The base has two holes tapped 1.200 inches apart for mounting. At \$49.95 it is a very good buy, and is ideal for portable use. I will use mine with my K-1. It comes in anodized blue, but Doug says he will probably have other colors available in the future. A black or "Elecraft" gray would be very nice. This is a very large step up from the inexpensive WhiteRook and Padellete paddles at not much more money. It is less expensive than the Palm Paddle with as good a feel, and is American made to boot. I predict Doug will sell a lot of these.

Besides the paddle, I bought a NIR-12 digital filter to add to my collection. I can hardly wait to try it out.

Tony Fishpool, Graham Firth and their spouses were honored guests. We went to the Beaver Strees Brewery for supper on Friday. The English myth of inferior American beer was laid to rest. I am a beer evangelist. The food is pretty good as well. Ginger and I had a nice chat over supper with Tony and Ruth, about Henry Potter, Star Trek, and West Wing among other topics.

Tony and Graham gave their excellent technical talk, this time about inexpensive test gear, punctuated with jokes of all sorts, some understandable by Americans, some not, some funny and some not. Many of these projects or will be featured in QRPP.

Ed Hare gave his usually excellent and enthusiastic talk on QRP. Paul Harden explained propagation and solar effects. The QRP booth was manned throughout the day by enthusiastic volunteers.

Vern Wright had his "beam in a bag" antenna there, Doug was selling the paddle I mentioned earlier, and Stinger Singers were available as were SPRAT CDs.

As usual, Jerry Parker provided excellent badges. The cookout was "bring your own meat", but beans, salad, and desserts were made available by the SQRPs. All good stuff.

Every one on the list should be thankful that the Tuthill QRP activities brought an end to the conjugate match discussion here, although Karl and I had some discussions about it at the campground.

Thanks to Bob, Bertie, Roger, Jeff, Haley, and Jamie for putting in all the hard work that made this possible. If you are contemplating a visit to the southwest, plan it around Tuthill. You won't regret it. - Dr. Megacycle
KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 28 Jul 2002 21:46:34 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <nkennedy@tcainternet.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [130930] RE: Coax Adapter Loss -- Mostly Myth
Message-ID: <B96A16BA.19E32%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Nick - I'll bite, what "black plastic dielectric" thing? - Dr. Megacycle
KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 28 Jul 2002 22:03:00 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: Ronald Davis <RDavis24@carolina.rr.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [130931] Re: Tuthill Sumary
Message-ID: <B96A1A93.19E36%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I had several inquiries as to how to obtain the portable paddles I mentioned
in my Tuthill post.

The proper name is "Porta-Paddle" and is made by

American Morse Equipment
200 Suburban Road #F2
San Luis Obispo, CA 93401

(805) 549 - 8065

dhauff@digitalputty.com

The price I paid at Tuthill was \$49.95 with an unconditional life time
guarantee. I am not sure of mail order details, so drop Doug an e-mail to
find out. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sun, 28 Jul 2002 23:27:56 -0500
From: "George, W5YR" <w5yr@att.net>
To: bkassel@mato.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [130932] Re: Contest: Flight of the Bumblebees - K7RE
Message-ID: <3D44C44C.8A15594E@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Called you several times, Brian, but you never came back - I was surprised that you couldn't hear Texas! I worked stations all over the country; some gave 599 reports so the old wires were getting out. You were weak in here but I worked weaker stations in your area.

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Brian Kassel wrote:

>
> Gangue:
>
> Lot's of fun, but sure could have used better conditions. Most
> signals were in the noise for me. I wound up with:
> 66 total QSO's
>
> 36 Bees
>
> Total score 7128
>
> As always a thrill and a pleasure to work AK, this time 3 different
> stations. AL7FS, AL7OK and WL7CDC. I only managed to snag 1 QSO on
> 15M, N6WG. I never heard even 1 contest station on 40M, so 99.9% of my
> activity was on 20M only.

Date: Mon, 29 Jul 2002 08:05:51 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: wiz@bhargavaz.net, qrp-l@lehigh.edu
Subject: [130933] Re: Small QRP receiver...Don't forget the MRX
Message-ID: <F223yatfcuUpFPQkXkD000025a43@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Chetan Bhargava" <wiz@bhargavaz.net>
>Reply-To: wiz@bhargavaz.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Small QRP receiver...Don't forget the MRX
>Date: Sun, 28 Jul 2002 20:03:20 -0700
>
>Hi People,
>
>Thanks for all the suggestions regarding Small QRP receiver, I have chosen
>to build the MRX-40 (<http://www.arrl.org/tis/info/pdf/99759.pdf>). I have
>arranged for the parts but I can't find the monolithic caps. I also have
>some questions about the design. Can I replace the monolithic caps with
>ceramic devices? Can a 1N4007 be used in place of 1N4004? What kind of
>antenna would be good for this? Should I use a standard dipole?

That's a nice circuit, I haven't seen it before. I might make one, with a few mods.

All component suppliers should have monolithic caps, but disc ceramic will work as well. They don't look as neat. 8-)

The 1N4007 might not work very well as a tuning diode. I think it has a different construction than the 1N4004 (I vaguely remember them being used sometimes as PIN diodes). 1N4004s are easy to get hold of, anyway.

Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Sun, 28 Jul 2002 22:53:30 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [130934] Re: IOTA + BB
Message-ID: <20020729055330.GB2367@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sun, Jul 28, 2002 at 07:18:27PM -0400, Steven Weber wrote:

> I played in the IOTA contest last night and made 27 Q's, all 5w pep SSB.
> Most of those Island stations and many new countries for me at 5 watts. Now
> to go and find a list of the IOTA island numbers and figure out where the
> heck some of these places are :-)

There is a list of the various island groups at
<http://www.rsgbiota.org>, but the individual islands are only listed in
the IOTA directory, published by the RSGB. Copies are available from
the ARRL.

72,

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

Date: Mon, 29 Jul 2002 03:08:07 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: hamjoel@juno.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [130935] Re: Has U Aver
Message-ID: <20020729100808.14862.qmail@web14206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks Joel

73, Bill kc4atu

Do You Yahoo!?
Yahoo! Health - Feel better, live better
<http://health.yahoo.com>

Date: Mon, 29 Jul 2002 06:44:38 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: qrp-l@lehigh.edu
Subject: [130936] Re: Canada trip upcoming
Message-ID: <F102e0cdrwlh8uUv0Sz00014a74@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have spent a lot of time working in Canada and have the following
comments. At the border, I have said I have ham radio gear when asked

about things I am bringing into Canada and it has always been, "have a nice day" and I am on the way. Sometimes I don't mention it either.

When there [Ontario] I just remember when I identify to use call/ VE3 and that is OK. You will run into the folks who insist it is VE3/ call but that is not a big deal. Their regs say call/VE3 but all in all no problems. I just go with the flow.....

On side band I have ran into a couple of times when trying to check in to a side band net [7.04/ 7.06] range I have been refused as they missed the VE3 part of call. This started a lot of debate once on another list. But I assumed band conditions were such they missed the VE3 part. I was running QRP SSB and that may have been a contributing factor.

On the 2 Meter repeaters they do not drone on and on with idle chat like some of the repeaters I have heard in the states. If you have a problem or question I have found them very helpful. If you happen to bump into someone and chat for a bit they are interesting and I enjoy there perspective on life. Watch the PL tones as they seem to go by region and they are usually turned on, so if you are having problems, check the repeater book for the PL.....

All in all I have had great experiences on the ham bands in Canada and when your there for work it is a pleasent thing to look forward to after a day at work. During the right time of year all they seem to have on is hockey, not sure what a Cajun and hockey make have in common.....

Remember when you check in to the Pig net it could be DX.....

73

Chuck AA8VS

"That depends, an ole Cajun like him should get along Just fine in Quebec....."

"If your not part of the solution,
there is good money to be made
prolonging the problem."

<http://68.43.100.7:81/aa8vs>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Mon, 29 Jul 2002 06:48:52 -0400
From: "John Huffman" <hjohnc@core.com>
To: <qrp-1@lehigh.edu>
Subject: [130937] Bumblebee Logs - Turn 'em in
Message-ID: <007801c236ed\$aebc4bc0\$12075dd8@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Bumblebee logs are rolling in. I have 45 logs so far and it looks like we had a good turnout this year.

If you haven't yet posted your results, go to the Bumblebee autolog page at http://www.natworld.com/ars/bb_log.html

I may post the soapbox comments tonight for the logs received by then. It's fun reading and adventures were had by one and all.

Final results will take a few weeks due to mail-in logs. Of what I've got, the top five scorers are N0UR/BB, N1EU/BB, N7SR/BB, WB8RTJ, and N2CQ.

Most QSO's were on 20M with only a total of 6 QSO's on 10M for the 45 logs to date. Looks like 15M edged out 40M.

Hope everyone had a good time!

72/73 de K8HJ
John
Contest Manager
Adventure Radio Society

Date: Mon, 29 Jul 2002 06:19:27 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'jamesd1@flash.net'" <jamesd1@flash.net>,
 Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [130938] RE: Coax Adapter Loss -- Mostly Myth

Message-ID: <01C236C7.E4CC9600.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Doc. Your Tuthill post made me jealous.

The black plastic thing goes like this:

Start the standard RCA good / bad thread. (Maybe throw in a little RS bashing for flavor.) Someone will point out that Heath and Collins used 'em. Then someone will say watch out for the ones with black dielectric. If it's black it must be colored with carbon which will mean high losses.

Fact or internet urban myth?

72, Nick, WA5BDU

-----Original Message-----

From: James R. Duffey [SMTP:jamesd1@flash.net]
Sent: Sunday, July 28, 2002 10:47 PM
To: Low Power Amateur Radio Discussion
Subject: RE: Coax Adapter Loss -- Mostly Myth

Nick - I'll bite, what "black plastic dielectric" thing? - Dr. Megacycle
KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Mon, 29 Jul 2002 07:43:11 -0400
From: kwike@gdls.com
To: qrp-l@lehigh.edu
Subject: [130939] Michigan QRP Net
Message-ID: <0F806C2628.4520B2B5-0N85256C05.004006E4@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

It has been a while since I have posted a notice for the net. Got a new job and just getting back on line after a two month, "looking for work" vacation. The net has been active all summer. Last week we had four checkins. QRN was bad but the signals were strong.

W8IQB 599 479 BRISTOL MI LOWELL
N8KBG 599 599 BRIDGEMAN MI RON

K8CV 599 ROYAL OAK MI WALT
WB8RCR 119 MIDLAND MI JOHN

The Michigan QRP net meets each Tuesday night at 9:00 PM Eastern time on 3.535 MHz.

Ed AB8DF

Date: Mon, 29 Jul 2002 06:58:51 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: nkennedy@tcainternet.com, qrp-1@lehigh.edu
Subject: [130940] Coax Adapter Loss -- Mostly Myth [Black Plastic]
Message-ID: <3.0.2.32.20020729065851.007b9930@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Nick es All,

I wonder if carbon is still used to color plastic black. That was often the case many years ago but technology must have found a better way. Any plastics engineers in the group?

Can't think of any easy-to-do test that could be done with simple equipment in the shack to do any useful measuring (microwave?). My choice is to avoid black plastic insulators for anything RF. Just because I don't know what is used to make them black. But then, I don't know what makes them yellow or red or white either... [g]

>The black plastic thing goes like this:

>

>Start the standard RCA good / bad thread. (Maybe throw in a little RS
>bashing for flavor.) Someone will point out that Heath and Collins used
>'em. Then someone will say watch out for the ones with black dielectric.
> If it's black it must be colored with carbon which will mean high losses.

>

>Fact or internet urban myth?

>

>72, Nick, WA5BDU

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Mon, 29 Jul 2002 09:51:58 -0400
From: Gary Halpern <gary.halpern@sympatico.ca>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [130941] Want to operate in Canada? --- Read this
Message-ID: <3D45487E.3B7F0EE1@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those so inclined:

Go to the gov't site at <http://strategis.ic.gc.ca/SSG/sf01226e.html> and download RIC-2. This document should answer your questions about suffixes, bands and type of transmission (I.E. bandwidth of the signal) allowed.

Gary
VA3GH

Date: Mon, 29 Jul 2002 06:58:25 -0700 (PDT)
From: Philip Karras <ke3fl@yahoo.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [130942] PSK31 BW & Data Transfer rate?
Message-ID: <20020729135825.38219.qmail@web11601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Does anyone know what the data transfer rate of PSK31 is? I assume the 31 means that the BW is 31Hz?

tnx & 72 & 73 de ke3fl
Phil K

Do You Yahoo!?
Yahoo! Health - Feel better, live better
<http://health.yahoo.com>

Date: Mon, 29 Jul 2002 09:00:20 -0500
From: "Jerry Bartachek" <leadsheet@musician.org>

To: qrp-1@lehigh.edu
Subject: [130943] Patcomm Rigs - Dearth of Info
Message-ID: <20020729140020.72513.qmail@mail.com>
Content-Type: text/plain; charset="iso-8859-1"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

I have noticed that inspite of the ads inside the front cover of the QRP Quarterly for several issues, i rarely hear anything about the patComm rigs on QRP-L. Also I never see patcomm rigs listed in the contest results in the QQ either.

I'm thinking about getting a 2nd rig for backup and semi-portable work after I retire. Patcomm has an attractive price, but...

I worry that it might become an orphan rig if the manufacturer goes out of business. The Index Labs are gone, and so is Stan who used to fix them. I sold my QRP+ in December for the "orphan" reason. I did like the SCAF filter which is the main selectivity device in the Patcomm rigs, however.

What are your feelings about Patcomm? Do you use one? Do you know or have a theory why we don't hear any user reports QRP circles? Does anyone think their drastic price drop is a sign of anything adverse?

You do NOT have to answer via the list. Feel free to e-mail me directly to relay your thoughts, or blast me with a flame right between the eyes. All responses are welcome. Be it known that I really like the guys and gals and their observations on QRP-L

Jerry KD0CA
QRP-L #544
QRP ARCI #5166
FISTS Club #7064

--

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<http://adfarm.mediaplex.com/ad/ck/990-1736-3566-59>

Date: Mon, 29 Jul 2002 09:07:20 -0500

From: "Jeff Davis" <ke9v@att.net>
To: <ke3fl@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130944] Re: PSK31 BW & Data Transfer rate?
Message-ID: <004501c23709\$493d1b50\$53869bac@CLDE000000MHS4G>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually, I believe the 31 in psk31 is the baud rate...

72, Jeff

----- Original Message -----

From: "Philip Karras" <ke3fl@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, July 29, 2002 8:58 AM
Subject: PSK31 BW & Data Transfer rate?

> Does anyone know what the data transfer rate of PSK31
> is? I assume the 31 means that the BW is 31Hz?

Date: Mon, 29 Jul 2002 09:10:26 -0500
From: "Jeff Davis" <ke9v@att.net>
To: <ke3fl@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130945] Re: PSK31 BW & Data Transfer rate?
Message-ID: <004901c23709\$b2547cf0\$53869bac@CLDE000000MHS4G>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doh!

Inserted foot before looking ... the 31 in psk31 is the BW (as in 31Hz) but
as it turns out, the baud rate is 31.25.

Heck, I was close to being right! :-)

72, Jeff

----- Original Message -----

From: "Philip Karras" <ke3fl@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, July 29, 2002 8:58 AM

Subject: PSK31 BW & Data Transfer rate?

> Does anyone know what the data transfer rate of PSK31

> is? I assume the 31 means that the BW is 31Hz?

>

> tnx & 72 & 73 de ke3fl

> Phil K

>

>

> -----
> Do You Yahoo!?

> Yahoo! Health - Feel better, live better

> <http://health.yahoo.com>

Date: Mon, 29 Jul 2002 10:39:47 -0400

From: "Paul G Kaczmarek" <Paul.G.Kaczmarek@usa.dupont.com>

To: "Steven Weber <kd1jv"> <kd1jv@moose.ncia.net>, qrp-1@lehigh.edu

Subject: [130946] Re: 12v Battery Monitor circuit

Message-ID: <0F4E6A54A4.CC98A009-ON85256C05.004F8022@lvs.dupont.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Thank you Steve,

Your circuit looks like it will do fine. Great Job.

I checked out your homepage and I like the pic of your workbench.

Could feel at home there.

Also as it was pointed out to me this circuit would be useful on other applications.

Monitoring a generator output on field day or camping, keeping an eye on the health

of your charging system on a motorcycle, Quad or ATV, or car. Especially if you

operate from it in the field and don't want to run the battery down.

Again thanks to all who responded, it looks like something that could be developed

with interest.

Paul KB2TPA Sierra, TT Argosy, USMC

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http://www.DuPont.com/corp/email_disclaimer.html

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~

Date: Mon, 29 Jul 2002 10:12:56 -0500
From: "George, W5YR" <w5yr@att.net>
To: ke3fl@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [130947] Re: PSK31 BW & Data Transfer rate?
Message-ID: <3D455B78.58A70E41@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

31.25 bps is the signalling rate and the occupied bandwidth. The system is designed for keyboard input to exchange data at about a 50 wpm rate.

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Philip Karras wrote:

>

> Does anyone know what the data transfer rate of PSK31
> is? I assume the 31 means that the BW is 31Hz?

Date: Mon, 29 Jul 2002 08:24:11 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [130948] Patcomm Rigs - Dearth of Info
Message-ID: <20020729152411.44143.qmail@web14603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

FWIW, there's 6 reviews of the PatComm PC-500 at
<http://www.eham.net/reviews/detail/1323>

73,
Barry N1EU

Do You Yahoo!?
Yahoo! Health - Feel better, live better
<http://health.yahoo.com>

Date: Mon, 29 Jul 2002 08:28:28 -0400
From: brewerj@squared.com
To: qrp-l@lehigh.edu

Subject: [130949] Re: Eudora
Message-ID: <0F4E2A4179.1CD72E23-0N85256C05.004449F3@CIS.SQUARED.COM>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I've used Microsoft Outlook...errrr, Outlook, and dumped it after a couple years, for Eudora.

Eudora is probably the best mail agent around... very configurable, safe, and stable, and most of all, intuitive.

You won't regret using it.

John wb5oau

PS: When's the last time you heard a virus that exploits Eudora weaknesses. Contrast that to the reports about Outlook.....

Date: Mon, 29 Jul 2002 11:46:27 -0400
From: Ed Lawson <k1vp@grizzly.com>
To: leadsheet@musician.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [130950] Re: Patcomm Rigs - Dearth of Info
Message-ID: <3D456353.7080200@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Jerry Bartachek wrote:

>What are your feelings about Patcomm? Do you use one?

>

I have a 500 and have found it to be a fine radio. It got hammered in a ARS review and the ARRL reviews of the 1600 and 900 were only somewhat positive. The 500 is a very sensitive and clean sounding radio. I like radios that are easy to listen to over the long haul and this is one. It does have the same synthesizer type noise as the DSW some of the time. I find it to be direct and straightforward to operate. The variable filter works quite well and provides better selectivity than the 500Hz filter on my Icom. The dual display takes some getting used to, but it is a nice feature. Running split is particularly easy and well thought out. You simply cannot make the common mistake of transmitting on the DX's freq. I have found the SSB performance to be quite amazing. It seems to have great punch, and I have worked some serious DX with it on

SSB. Seems to work fine on CW and while they don't say much about QSK, it is close to TenTec rigs. Compared to most mid priced rigs, when you turn on the preamp the background hash remains down and the signal becomes stronger/louder/clearer which indicates to me the receiver is solid. Construction quality is very good and my understanding is they are working on some dual band modules. It has a distinctly different look and fee compared to the typical ham rigs, but that is not a bad thing. I have only used the keyboard features a little bit so cannot comment on them except to say it works as stated. It is not perfect and has a few rough edges, but overall it is a nice radio and easily worth the price.

You can see quite a number of reviews on the eham site in the HF and QRP sections.

<http://www.eham.net>

Most of the reviews are favorable.

> Do you know or have a theory why we don't hear any user reports QRP circles?
>

I suppose because there may not be that many around and maybe people would use a more "traditional" QRP rig in QRP contests.

Ed Lawson
K1VP

Date: Mon, 29 Jul 2002 08:49:30 -0700 (PDT)
From: Philip Karras <ke3fl@yahoo.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [130951] Re: PSK31 BW & Data Transfer rate?
Message-ID: <20020729154930.82574.qmail@web11605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks to all who responded I believe I now
"understand" the limitations better.

This was all brought about by an article in QST:

Technical Correspondence, Aug 2002 QST - UNBVC--Ultra
Narrow Band Voice Communications - pg 65.

I was just wondering if it would be of any real use
and while 50 words/min is slower than normal speech it
will probably work well enough.

73 & 72 de ke3fl
Phil K

Do You Yahoo!?
Yahoo! Health - Feel better, live better
<http://health.yahoo.com>

Date: Mon, 29 Jul 2002 11:02:23 -0500
From: "Walter AG5P" <walter@accessus.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130952] Re: Patcomm Rigs - Dearth of Info
Message-ID: <008001c23719\$55069500\$3b466ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Jerry, probably the low profile on this reflector is because
there is a lot of building of both kit and scratch rigs. And
if a rig performs like it is supposed to do, then there is not
much room to complain, but instead just enjoy the rig.

You might want to go to <http://www.eham.net> and read
some of the comments there also. There is an evaluation
up on the Adventure Radio Society website, it is not
complementary to the rig. Do some research and form
your own opinion.

I bought and received a Patcomm PC-500 the day before
Field Day. Had only a few minutes to check it out then it
went to FD for some very interesting evaluations. Rig is
a 2 band module unit and I have 40, 20, and 15 meters.
To keep this short, on SSB at 5 watts output and a 40 meter
horizontal delta loop at 15 feet, working 20 meter SSB was
not a challenge. The audio is crisp and the variable filter works
way better than I had expected. On CW the break-in,
variable filter, and even the two speed tuning were more
than expected and worked great. The down side of taking
this rig to FD was too much playing and seeing what it
would do and how well it operated, instead of grinding for

points. To give you an idea of the tight front end, there was an extended 20 meter zepp antenna end that was about 18 to 20 feet right over my rig and both stations were able to operate on 20 meters at the same time with one on CW and the other on SSB. The other rig was a K2, they both seemed to have the same tight front end. Occasionally you would hear the other rig but not to the extent that it was blanking out the receiver as was the case with the K2 also.

My intended use was for backup in the shack, mobile and portable since everything else in the shack is homebrew. Plans have now changed, another PC-500 is going to be bought and used in the mobile. So for the price it is very hard to beat, receiver performance is better than the NE602 front end based rigs plus you get CW, SSB, and PSK31.

As far as worrying about getting an orphan, look at some of the rigs that have been sold and now parts availability has virtually made them orphans, and the companies are still going strong. I would suggest you calling Frank at Patcomm and visit with him about the rigs. He is a busy guy but he will take the time to talk to you.

72 / 73...Walter, AG5P

Date: Mon, 29 Jul 2002 10:12:59 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [130953] Tuthill Summary
Message-ID: <Pine.LNX.4.44.0207290929160.1630-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim Duffey covered very well the high points of this years Fort Tuthill near Flagstaff AZ Ham Fest. I want to point out that there are lots of Tuthill gatherings such as the Albuquerque Bunch, and the California Killowatts, but no subgroup comes close the Arixonias SQRPion's QRP Group.

The QRP Group is the one I belong to. You join by asking to do so. When your asked to help you do so. I need to mention that Jim Duffey gave a fine presentation on short antenna's. This group takes the camping area outside the fenced in area where you can pitch a mountain 2 man tent and sleep in it.

There are lots of pine trees high enough to support a good antenna. I arrived on Thursday afternoon and there were not many others there. So I set up my W3FF antenna with the 20 meter coils and when my Wal Mart Atomic Clock said 0200 UTC I started looking for the Foxes and both were quite loud. By 0220 I had both worked with my FT-817 which served as a 2 meter Hand Held the whole weekend.

Saturday morning we set up the QRP booth and while I helped with the erection of sun and rain protection I set my FT-817 on the table. After about an hour of work I looked for the radio and Bertie had put it in a chair. I asked why did you move it? She said she got tired of telling people, "It's not for sale".

I attended 2 sessions that were both very good. I am saving Jim Duffey's handout on short antenna design. It's full of re-prints of good data presented to show that you face some serious loss if your not smart about how you design the short antenna. Done properly, a short antenna will work as well as many full size antenna designs.

Saturday evening the QRP Group had dinner. We all went to town and bought a steak. There was no hurry as the charcole took a long time getting hot. We had steak and pinto beans and salad and cake. A fine meal. After dinner a drawing was held and I won a Rock-Mite kit.

A camp fire was set and some of the QRP guys who brought musical instruments played for the group while the evening got late. Being that I live in New Mexico and since Arizona is on Pacific Coast time, by 11 PM my time I was tired, but it was pointed out it's only 10 PM.

So we all had a good time doing QRP stuff and we may have converted a few to our cause.

--
Yours Truly,

- Karl F. Larsen, (505) 524-3303 -

Date: Mon, 29 Jul 2002 10:15:38 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [130954] Fox - Summer Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0207291005530.5515-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #7 - K0EVZ subbing for K4FB -

The NE-TX Tornados - 24

George - W5YR
Doc - W5TB *
Eric - NM5M *
Don - K5DW *
Mike - KD5KXF *

The Raiders of the Lost RF - 25

Rob - VE6JAZ *
Dan - VE6EX *
Fred = VE3FAL
Earl - VA6RF *
Bruce - VE5RC

The Piggie Team - 13

Jim - KJ0C
Dave - WR50 *
Randy - W9HL
Wayne - K9DI
Diz - W8DIZ

The Cheeseheads - 29

Craig - VE4WI
Jim - WA9TZE *
Glenn - WE9K *
Lon - W9XU *
Rick - NK9G *

The Cajun Thunder - 20

Wayne - K5E0A *
Jim - N5IB *
Vern - AA50 *
Wayne - N5YFC *
Tom - AC5JH

The Swamp Rats - 23

ET - N1FN *
Doc - K0EVZ **
Paul - K4FB *
Dennis - N4DD
Tom - N1TP *

The p-Shooters - 16

Jason - K0IIN
Gary - NQ7T
Jim - KC1FB *

Tony - KB9YIG *
Todd - N9NE *

...Doc, K0EVZ, according to the rules gets 1 pt for being the fox and 1 pt for "working" the other fox...

...let me know direct of any corrections please...tnx...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 29 Jul 2002 13:57:34 +0200
From: "Juanjo Pastor" <ec5aca@wanadoo.es>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130955] RE: Eudora
Message-ID: <000801c2371b\$b8d35ee0\$9c33243e@fer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hello everybody,

I did use Eudora when my computer was just a 386DX-40 running Windows 3.11 and I liked it a lot. I like especially the way it manages the folders, filing them with folders with all the info with the same names used, unlike Outlook Express, my current choice. That makes backup easy, unlike OE... But I like OE user interface more, it is easier for me. I would go for a mid way solution, with OE user interface and Eudora files management. I guess the Microsoft people would not hear my suggestions...

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,
QRP-L #1662.

Juanjo Pastor
C/San Roque, 4-1=BA
46460 Silla
SPAIN

e-mail: ea5chq@wanadoo.es

Tel.: +034 96 120 17 67

Movil: 651 35 35 11

-----Mensaje original-----

De: John Seboldt <k0jd-1@seboldt.net>

Para: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Fecha: s=E1bado, 27 de julio de 2002 6:18

Asunto: Re: Eudora

>At 04:46 PM 7/26/02 -0600, you wrote:

>

>>I'd like to receive opinions from people who are using Eudora

>>please...good, bad, not bad, not good, etc....thank you....I'm using
IE at

>>the present time....

>

>One of the finest! Different from Outlook Express, but quite
powerful. The

>free version just wants to put little fairly unobtrusive ads in a
little

>block.

>

>Anything to get away from Outlook/Outlook Express, which as many know
are

>the vehicles of choice for the discerning virus propagator!

>

>John K0JD

>Milwaukee

>

>

Date: Mon, 29 Jul 2002 12:37:39 -0400

From: "Marty N5NW" <n5nw@n5nw.org>

To: <qrp-1@lehigh.edu>

Subject: [130956] Re: (88' doublet) RE: Conjugate Matching Demonstration

Message-ID: <000501c2371e\$471d6310\$3339a8c0@dayton.hospiceofdayton.org>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bill Coleman wrote:

>Whether 88 or 102 or 125 feet, these untuned doublets won't be noticeably
>different on 80m. The important dimension in this case isn't the length,
>but the height above ground in wavelengths. That will have the biggest
>effect.

Exactly true, however the benefit to this length/design is that unlike the
102 or 125 and greater lengths, the 88 ft. will still provide the dual-lobe
pattern on 20m and all bands in between, given appropriate height above
ground.

If the antenna is supposed to be a single band, the go for the resonant
dipole, but for multi band use, Cebik makes an excellent case for the 88 ft
length. Long enough for 80, short enough to keep the pattern simple on 20.

And, as Cebik points out, antenna performance is all about pattern control
and radiation efficiency.

Hope to see everyone this weekend on NAQP CW!

de N5NW/8 (Marty)
Bellbrook, Ohio

Date: Mon, 29 Jul 2002 10:44:00 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [130957] Fox - Summer Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0207291038550.7913-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #8 - NOUR -

George - W5YR *
Doc - W5TB *
Eric - NM5M
Don - K5DW
Mike - KD5KXF *

Rob - VE6JAZ *
Dan - VE6EX *
Fred = VE3FAL
Earl - VA6RF *
Bruce - VE5RC

The Piggie Team - 14

Jim - KJ0C
Dave - WR50 *
Randy - W9HL
Wayne - K9DI
Diz - W8DIZ

The Cheeseheads - 33

Craig - VE4WI
Jim - WA9TZE *
Glenn - WE9K *
Lon - W9XU *
Rick - NK9G *

The Cajun Thunder - 24

Wayne - K5E0A *
Jim - N5IB *
Vern - AA50 *
Wayne - N5YFC *
Tom - AC5JH

The Swamp Rats - 26

ET - N1FN
Doc - K0EVZ *
Paul - K4FB *
Dennis - N4DD
Tom - N1TP *

The p-Shooters - 18

Jason - K0IIN
Gary - NQ7T
Jim - KC1FB *
Tony - KB9YIG
Todd - N9NE *

...please notify me direct of any changes...thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 29 Jul 2002 12:56:15 -0400
From: "Marty N5NW" <n5nw@n5nw.org>
To: <qrp-1@lehigh.edu>
Subject: [130958] Re: PSK31 BW
Message-ID: <001901c23720\$e1050940\$3339a8c0@dayton.hospiceofdayton.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I read the article with much interest. The 50 wpm referenced in an earlier post is (I believe) the typing/character rate. Digital voice transmissions would have to be sampled.

Let's assume a low-quality voice transmission sampled (converted to digital) at 2,000kHz (that would be 2,000 samples per second -- very minimal quality). If we assume best case, that somehow we can cram each sample into one bit (not terribly likely!), then we'd have 2,000 bits of information per second to send (assuming no overhead!). A baud is (if I recall my Advanced class exam material correctly) a measure of bits per second, so PSK31 runs 31.25 bits per second.

So, if I wanted to send audio over a PSK31 link, it would take a little over a minute to send each second of audio.

Compression will help some, but at the expense of an already extremely low quality.

Also recall that speed and bandwidth are related. I don't have the reference in front of me, but I believe the bandwidth and speed are directly related and in the same proportion -- as the speed (baud rate) increases, so does the bandwidth.

de N5NW/8 (Marty)
Bellbrook, Ohio

Date: Mon, 29 Jul 2002 11:02:39 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Chuck Carpenter <w5usj@9plus.net>

Cc: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [130959] Re: Eudora and Fox Teams so far.
Message-ID: <Pine.LNX.4.33.0207291048550.8749-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Morning Chuck...thank you very much...I'll let you know when it arrives...much appreciated...

...yes the NE-TX Tornados are doing very well and have a chance to be the winners...

...I've been watching the Tornados and the Raiders as there's a good competition going there with the latest figures for Hunt #8 at Tornados 27 and Raiders 28, so they're neck and neck...

...the Cheeseheads have pulled ahead to 33 but it's still a good race going on...

...the Teams in positions 2, 3, 4 & 5 are totaling 28, 27, 26 & 24 pts so anything can happen there...

...with 'ol Mother Propagation as the unknown factor, you never know!...hihi...she blanked me out 100% the last dual hunt when K4FB had to pull out because of lightning and K0EVZ took his place...no short skip eh!?...hihi...

...and look at those p-Shooters with 18 pts, running not more than 1 watt!!...fantastic hunters....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 29 Jul 2002 11:50:19 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: leadsheet@musician.org
Cc: qrp-l@lehigh.edu
Subject: [130960] Re: Patcomm Rigs - Dearth of Info
Message-ID: <3.0.6.32.20020729115019.007b3340@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I'm thinking about getting a 2nd rig for backup and semi-portable work after I retire. Patcomm has an attractive price, but...

>

Patcomm is definatly the underdog of ham radio equipment. Seems everyone has a FT817 or a K1/2 thingie. I bought a Patcomm 9000 last Christmas. I wanted a reasonably small, but not too small rig, primarily for SSB work. The price was very attractive for a 160-6M rig and liked the array of features it had. All in all, I like the rig and am happy with it, though it does have some quirks. I know there are at least a few qrp-l members who bought the PC-500 dual band version and are happy with it.

As for the long term viability of the company, who can tell? They have been around for awhile, maybe 8-10 years now? If something in the rig did die, it would have to be sent back for repair, or at least a board swap done.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Mon, 29 Jul 2002 10:20:58 -0700

From: "Dave Fifield" <dave@redhotradio.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [130961] NorCal Meeting Treat!

Message-ID: <004501c23724\$5a28f860\$0400a8c0@AD6A>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Folks,

I was on the blower last evening to Doug, KI6DS as he was driving back home from his annual long summer vacation round-the-country trip. He had great fun at Ft. Tuthill again this year and as a result of discussions there has some great new ideas for this years QRPacificon Friday Night "contest"!

Doug asked me to mention to all that he will be at the upcoming NorCal QRP Club meeting THIS SUNDAY and will be bringing some treats with him. The biggest treat will be that he's bringing Tony Fishpool and his wife June along with him. Tony, who is G4WIF, is a great QRP'er and always a treat to meet and greet.

See y'all there on Sunday.

Cheers es 72,
Dave Fifield, AD6A

Date: Mon, 29 Jul 2002 13:50:56 -0400
From: Michael Pupeza <mpupeza@sympatico.ca>
To: <qrp-1@lehigh.edu>
Subject: [130962] Re: PSK31 BW
Message-ID: <B96AF8BC.5D03%mpupeza@sympatico.ca>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Marty;

I think that you missed a bit of the explanation about the method the author was intending. He doesn't 'sample the audio' and digitize it directly. He has a 'Speak and Spell' type of program listen to you talking, then it creates the 'Words' that you spoke, and shows them as text. This text is then sent on the air, using PSK-31 to the receiving station. The receiving station then uses a 'Text to Audio' program, as used by Visually Impaired Op's, or as available on most newer computers, and it then puts the words out on the speaker. Note that the 'voice' used will NOT be a duplicate of the sender's voice - but the Computer Voice that you select!

The 50 WPM limit will severely slow down the normal conversation speed, but only using a 31 Hz bandwidth is the price for this narrowing.

This concept could also hold great promise in some other modes, such as Pactor I, II, or III, or clover, etc., with an increase in bandwidth.

However, now you are getting into the realm of standard SSB Voice techniques.

Interesting, all the same.

73

Mike VE3EQP.....>

Date: Mon, 29 Jul 2002 14:29:59 -0400
From: "David J. Adams" <david@theadamsclan.com>
To: qrp-1@lehigh.edu
Subject: [130963] Patcomm website
Message-ID: <3D4589A7.4090100@theadamsclan.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Anyone know if the patcomm website is down, moved (I have
www.patcomm.net), or gone offline?

73 de dave, n9uxu

Date: Mon, 29 Jul 2002 11:49:57 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-1@lehigh.edu
Subject: [130964] ten tec 208 CW filter
Message-ID: <20020729.115535.-276003.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

CW filter for my argo 509. Buy/trade, please.

Marv Fagenson
k6hcj@Juno.com

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 29 Jul 2002 11:51:09 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-1@lehigh.edu
Subject: [130965] CW filter for argo 509
Message-ID: <20020729.115535.-276003.1.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Anyone know of other CW filters for the argo 509 I may use?
Thanx
Marv Fagenson
k6hcj@Juno.com

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Date: Mon, 29 Jul 2002 13:55:20 -0500

From: "Tim, N9PUZ" <n9puz@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [130966] Re: Tuthill Sumary

Message-ID: <200207291852.NAA27041@zinc.eosinc.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: quoted-printable

On Sun, 28 Jul 2002 22:03:00 -0600, James R. Duffey wrote:

>The proper name is "Porta-Paddle" and is made by

>

>American Morse Equipment 200 Suburban Road #F2 San Luis Obispo,=
CA

>93401

I Googled around some and came up empty handed. Is there a=

picture of

these somewhere?

Tim N9PUZ

Date: Mon, 29 Jul 2002 14:30:00 -0400

From: Steven Weber <kd1jv@moose.ncia.net>

To: qrp-l@lehigh.edu

Subject: [130967] Meter for SWR meter

Message-ID: <3.0.6.32.20020729143000.007ae590@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

You know those cheap little VOM testers that used to be fairly common, but maybe not so much anymore? The ones that are about 2" x 3"? Well, I was thinking, one could probably gut one of those and build a little SWR bridge into the case. Would make a nice compact unit for the field. I know I got one around here someplace, but dang if I can't find it now :-(Someday I

just got to sort through all my boxes of stuff and get orginized -- yeah
right, like that will ever happen, hi!

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Mon, 29 Jul 2002 15:05:26 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [130968] Re: PSK31 BW
Message-ID: <5.1.0.14.1.20020729145022.00a4aec0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:50 PM 7/29/2002 -0400, you wrote:

>Marty;
>I think that you missed a bit of the explanation about the method the author
>was intending. He doesn't 'sample the audio' and digitize it directly. He
>has a 'Speak and Spell' type of program listen to you talking, then it
>creates the 'Words' that you spoke, and shows them as text. This text is
>then sent on the air, using PSK-31 to the receiving station. The receiving
>station then uses a 'Text to Audio' program, as used by Visually Impaired
>Op's, or as available on most newer computers, and it then puts the words
>out on the speaker. Note that the 'voice' used will NOT be a duplicate of
>the sender's voice - but the Computer Voice that you select!
>The 50 WPM limit will severely slow down the normal conversation speed, but
>only using a 31 Hz bandwidth is the price for this narrowing.
>This concept could also hold great promise in some other modes, such as
>Pactor I, II, or III, or clover, etc., with an increase in bandwidth.
>However, now you are getting into the realm of standard SSB Voice
>techniques.
>Interesting, all the same.

Mike,

I remember reading about development of a military radio system that used a
similar technique - messages were entered as voice phonemes (i.e. the
individual sounds that could be created by a Speak & Spell chip). Since
there are a limited number (less than 100) of phonemes, a spoken word could
be reduced to a few bytes - about as many as the same word printed in text.
A voice message (i.e. "Advance 2 km north and wait for further orders")
would be transmitted multiple times as a burst of VHF data straight up,

relying on meteor scatter to bounce it back down to the ground. It was similar to NVIS, but the VHF carrier allowed a higher data rate since meteor trails don't last long.

The short bursts and vertical paths made the transmissions almost impossible to track to the source unless an enemy aircraft happened to fly right through the upward bound beam. The range and reliability was pretty good, too - at (I believe) 300 km a ten-second spoken message would be delivered with 90% reliability within 5 seconds and with 99% reliability within 30 seconds. (Figures are reproduced from memory - which means they're wrong, but within an order of magnitude of the correct values.)

This was all in the mid-80's, too, when battlefield computers weren't considered to be man-portable devices.

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 29 Jul 2002 13:10:14 -0600
From: "P.Ermisch" <ermisch@usa.net>
To: <qrp-1@lehigh.edu>
Subject: [130969] Re: [Patcomm website]
Message-ID: <20020729191014.22984.qmail@uwdvg023.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Also appears that www.patcommradio.com is not returning information. Not= sure which address is current.

Paul KB0LUR

"David J. Adams" <david@theadamsclan.com> wrote:
> Anyone know if the patcomm website is down, moved (I have =
> www.patcomm.net), or gone offline?
> =

> 73 de dave, n9uxu
> =

Date: Mon, 29 Jul 2002 15:13:31 EDT
From: K5BDZ@aol.com
To: david@theadamsclan.com, qrp-1@lehigh.edu
Subject: [130970] Re: Patcomm website
Message-ID: <168.114a083f.2a76eddb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Patcomm site is
patcommradio.com
according to many search engine findings.. and the site appears to be down
Bill K5BDZ

Date: Mon, 29 Jul 2002 15:13:46 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [130971] Re: Meter for SWR meter
Message-ID: <5.1.0.14.1.20020729150622.00a6f330@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:30 PM 7/29/2002 -0400, you wrote:
>You know those cheap little VOM testers that used to be fairly common, but
>maybe not so much anymore? The ones that are about 2" x 3"? Well, I was
>thinking, one could probably gut one of those and build a little SWR bridge
>into the case. Would make a nice compact unit for the field. I know I got
>one around here someplace, but dang if I can't find it now :-(Someday I
>just got to sort through all my boxes of stuff and get orginized -- yeah
>right, like that will ever happen, hi!

Steve,

I don't know what you'd consider cheap, but the local Wally World
(Wal-Mart) sold them for automotive service use for about \$10-12. I got a
cheap one 3 years ago for tuning things - it's easier than looking for a

peak/dip on a digital display, and my old van had some PWM control signals that are about impossible to read an average value on with the DMM.

It's only about 2kohm/volt - not something you'd want to hang on a high-impedance circuit - and the pin jacks for the leads are nearly useless once they get a little bent inside, but it's a nice sized mirrored movement nonetheless.

Good luck cutting the case for connectors - mine's polystyrene, and I've never had much luck making clean cuts in that kind of material. (If I had to, I'd use a soldering iron to melt a hole.)

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 29 Jul 2002 12:18:43 -0700
From: Steve Smith <sigcom@juno.com>
To: n9puz@arrl.net
Cc: qrp-l@lehigh.edu
Subject: [130972] American Morse Equipment (was Tuthill Sumary)
Message-ID: <20020729.121843.-16655347.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"American Morse Equipment" is probably better known within the QRP community as San Luis Machine Co., Doug Hauff's outfit. Here's the link to his web site although the new paddle in question doesn't appear there:

http://users.digitalputty.com/dhauff/public_html/
I'm interested in this paddle too. One more reason I'm kicking myself for not making it to Ft. Tuthill, grrrrrr. It's a pain when business gets in the way of pleasure, HA!
73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA
"Snort Rosin"

On Mon, 29 Jul 2002 13:55:20 -0500 "Tim, N9PUZ" <n9puz@arrl.net> writes:

> On Sun, 28 Jul 2002 22:03:00 -0600, James R. Duffey wrote:
>
> >The proper name is "Porta-Paddle" and is made by
> >
> >American Morse Equipment 200 Suburban Road #F2 San Luis Obispo, CA
> >93401
>
> I Googled around some and came up empty handed. Is there a picture
> of
> these somewhere?
>
> Tim N9PUZ
>
>

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Date: Mon, 29 Jul 2002 14:47:50 -0500
From: "Walter AG5P" <walter@accessus.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <david@theadamsclan.com>
Subject: [130973] Re: Patcomm website
Message-ID: <00a301c23738\$d45dab80\$3b466ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

David,
This is the URL, for Patcomm
<http://www.patcommradio.com/>

72/73...Walter, AG5P

Date: Mon, 29 Jul 2002 16:02:25 -0400
From: Ed Lawson <k1vp@grizzly.com>
To: walter@accessus.net

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [130974] Re: Patcomm website
Message-ID: <3D459F51.4000302@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Walter AG5P wrote:

>David,
>This is the URL, for Patcomm
><http://www.patcommradio.com/>
>
>
>
>

www.patcomm.net redirects to www.patcommradio.com

www.patcomm.net is up and redirects, but www.patcommradio.com seems to be down so using either will get a timed out response.

Ed Lawson
K1VP

Date: Mon, 29 Jul 2002 15:59:27 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: ermisch@usa.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [130975] Re: [Patcomm website]
Message-ID: <3D459E9F.7090204@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

P.Ermisch wrote:

> Also appears that www.patcommradio.com is not returning information. Not sure
> which address is current.
>
> Paul KB0LUR

patcommradio.com appears to be the current address. It's not working right now.

Patcomm's site is hosted by qth.com. It appears that the problem is with the qth.com name servers - ALL the domains hosted by them other than

qth.com appear to be down. The alternate URL -
<http://www.qth.com/patcommradio/> - is working.

So, back to the original question - why do people have so little to say about the Patcomm rigs (especially the PC-500, which is the one that is most on-target for QRP-L)? First, as was already pointed out, there is a strong focus on building here, so an assembled radio gets less attention. Second, there is also a strong focus on field operations, and the Patcomm is not ideal for that - the receive power consumption is too high (750ma, though it can be decreased to 600ma by turning off the meter and LCD backlights).

The folks who like polished appliances, like the ones that Yaecomwood makes, are likely to be put off by the appearance of the Patcomm radios. To my eye, they look like garage-shop designs. (I'm talking strictly about the visual appearance of the radios here, not the circuit designs, which I have not seen, nor the operational ergonomics.)

Finally, there was the negative review of the PC-500 by the Adventure Radio Society. Though if one of the eham.net reviews is correct, the radio that ARS reviewed was defective. All the reviews of the PC-500 on eham seem to be positive; the PC-9000 has also been well received there (but it lacks full break-in, which may discourage some people here). Opinion is more mixed on the deluxe Patcomm, the PC-16000A. QST has reviewed the PC-9000 and PC-16000A, both of which appear to have some problems with transmit spectral purity (high IMD and near-carrier noise), but not the PC-500.

Date: Mon, 29 Jul 2002 12:06:31 -0800
From: Jim Larsen - AL7FS <AL7FS@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [130976] Re: 12v Battery Monitor circuit - Milestone Technologies
Message-ID: <3D45A047.AD6AA746@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I notice the 12 Vdc monitor circuit thread is still alive.

It may be of some interest that Milestone Technologies (you know, the company where you can get almost any key or paddle you want) at <http://www.morsex.com/rainbow/> has Rainbow Kits. One of them is for a 12 Volt DC Monitor and the price is right. Check it out. I have one and will build it up soon to use on a battery set I keep in the garage.

=====

DC Voltage Monitor

Check battery status at a glance! You can build this kit to monitor 5, 8, or 12V DC power supplies (optional parts supplied) and you can set the LEDs to indicate .25, .5, or 1V steps. SIZE: 1.3" x 2.7". Current usage depends on the voltage and the number of LEDs lit (typical 80mA at 12V) but you can easily add a pushbutton switch on the input-- push and check!

VM-1 DC 5,8,or12V voltage monitor board kit. \$7.95

=====

This may do the trick for many of your applications.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Mon, 29 Jul 2002 15:22:11 -0500
From: "Walter AG5P" <walter@accessus.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130977] Re: Meter for SWR meter
Message-ID: <00c001c2373d\$9fd0f700\$3b466ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

R and L Electronics, has a good performer for \$9.95.
<http://www.randl.com/cart/3.htm>
72/73...Walter, AG5P

Date: Mon, 29 Jul 2002 15:28:49 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [130978] Re: CW filter for argo 509
Message-ID: <5.1.1.6.0.20020729142934.00a186f0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:51 AM 7/29/02 -0700, you wrote:

>Anyone know of other CW filters for the argo 509 I may use?

>Thanx

>Marv Fagenson

>k6hcj@Juno.com

Hello Marv,

Before I found a matching 208 CW filter for my Argo 509, I used an old MFJ CWF-2 active audio filter.

It's actually a little better than the Ten-Tec 208 as the MFJ design includes a third position (80 hz). This also what the 208-A filter supplies for the Argo 515.

Most of the CWF-2's are centered on about 750 hz, but not all of them. One that I found was centered on 600 Hz! And, I get a little ringing from time-to-time in the tightest position but it's bearable when trying to pull out a weak one.

The CWF-2's can usually be picked up cheap at hamfests, i.e. \$5.00 and down. The internal 9V battery and/or circuit board (hot glued) has usually broken loose and rattles around noisily inside - always a good bargaining point. I've probably bought around fifteen of these things over the years and absolutely every one worked.

You can use the CWF-2 outboard with the Argo. But, the audio output is past the AGC loop so expect some pumping on strong signals, unless you back off on the RF gain to about the 10:00 position.

There is a nice article in the January 1977 issue of CQ Magazine by W0RSP that describes how to insert a CWF-2 into the Argo's audio chain. It duplicates the arrangement for the matching 208 filter. I did this for an Argo 505 and the 509. The MFJ filter worked great in both installations.

The CWF-2 runs on 9 to 12V. It will eat a fresh 9V battery if you leave it on a couple of days. This is not much of a concern using a 4Ahr gel-cell or an AA pack but I have a bad habit of leaving the &^%\$# things on!

The performance from the old LM747 IC's is pretty decent and that's what counts. I recently added a CWF-2 to a portable station built around a DSW-20 and it works just fine. The latter has no AGC in the traditional sense (audio clipper instead) so just adding at the output is easy to do.

W5QJM (now K5QLF) did a fine piece for the April 1987 issue of the QRP Quarterly about adding an 8-pole Ten-Tec 217 xtal CW filter to the Argo 515. While I have not tried it, I assume the design could be adapted to the

Argo 509.

I believe Vectronics/MFJ still sells the CWF-2 in kit form but the product code is different now. Every so often the filters go on sale and for \$12-15 (normally about \$20) and they are still a very good deal. Guessing here on the numbers but think I'm close.

Hope this is of some help to you, Marv and best of luck on finding the 208 filter. All those Ten-Tec cream/wood panel boxes look mighty good on top of an Argo 509. The latter is still one of my very favorite rigs - warm & fuzzy stuff!

After a year, I'm still looking for a 206-A crystal calibrator to go with my 515. Half the fun is in the chase - they tell me! <g>

Regards,

de Dave, NF0R nf0r@slacc.com

>-----
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Date: Mon, 29 Jul 2002 16:42:05 -0400
From: "Michael Bower N4NMR" <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130979] RE: NorCal Meeting Treat!
Message-ID: <ODE0IKLMAJFGCNMOGAGIIEKBCCAA.bowerm@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, Doug likes to bring door prizes to these meetings.

Does that mean that Tony is a "door prize"? He'd make a great door prize to have around my house and answer all my stupid questions. How much are the raffle tickets?

And does his wife come with him if you win the prize. She has to be a WONDERFUL wife for letting him run around to all these QRP meetings.

<vbg>

Michael N4NMR

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Dave Fifield

Sent: Monday, July 29, 2002 1:21 PM

To: Low Power Amateur Radio Discussion

Subject: NorCal Meeting Treat!

Hi Folks,

I was on the blower last evening to Doug, KI6DS as he was driving back home from his annual long summer vacation round-the-country trip. He had great fun at Ft. Tuthill again this year and as a result of discussions there has some great new ideas for this years QRPacificon Friday Night "contest"!

Doug asked me to mention to all that he will be at the upcoming NorCal QRP Club meeting THIS SUNDAY and will be bringing some treats with him. The biggest treat will be that he's bringing Tony Fishpool and his wife June along with him. Tony, who is G4WIF, is a great QRP'er and always a treat to meet and greet.

See y'all there on Sunday.

Cheers es 72,
Dave Fifield, AD6A

Date: Mon, 29 Jul 2002 16:37:32 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <walter@accessus.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [130980] Re: Meter for SWR meter
Message-ID: <001d01c2373f\$c5514460\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> R and L Electronics, has a good performer for \$9.95.
> <http://www.randl.com/cart/3.htm>
> 72/73...Walter, AG5P

Uh, in case you haven't noticed, that's a digital meter... And yes,
it can be used for SWR, but it's not that easy to do so.

Mike

Date: Mon, 29 Jul 2002 15:44:06 -0500
From: <jfox6@houston.rr.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [130981] Counterpoise Question
Message-ID: <005801c23740\$aee25ba0\$0100a8c0@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is there a penalty for having a few feet of your Plastic covered
Counterpoise buried? I think the max distance will be something like five
feet out of a total of 45 feet.

73,

Foxy
jfox6@houston.rr.com
<http://www.qsl.net/w5hir>

Date: Mon, 29 Jul 2002 17:15:38 -0400

From: Ed Lawson <k1vp@grizzly.com>
To: mark@buttery.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [130982] Re: [Patcomm website]
Message-ID: <3D45B07A.3030705@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Mark J. Dulcey wrote:

>
> The folks who like polished appliances, like the ones that Yaecomwood
> makes, are likely to be put off by the appearance of the Patcomm
> radios. To my eye, they look like garage-shop designs. (I'm talking
> strictly about the visual appearance of the radios here, not the
> circuit designs, which I have not seen, nor the operational ergonomics.)
>
>

A fair comment about the appearance. In some ways it has a TenTec "look" about it. The front panel really is nice although admittedly looks very different from typical Yaecomwood rig. The controls have a nice "industrial" feel to them which some may or may not like and the tuning knob is heavy metal with nice finger dimple and serrated outer edge for precise tuning. Until you get used to the variable tuning rate you think the selectivity is poor when you tune slowly as it seems even a CW signal covers a wide area. Then when you look at the display and realise you are tuning in 10Hz increments it starts to sink in. Not sure if it was mentioned earlier, but the 500 is great on PSK31. Plug the cable into the sound card and serial port and you are in business.

I think it is great we have companies like Patcomm and TenTec that are producing rigs that have an individual flavor to them. Same for the kit companies. Our hobby and QRPing would be a poorer place if we did not have the chance to pick a rig that fitted our preferences or which offered a different way of doing things.

Ed Lawson
K1VP

Date: Mon, 29 Jul 2002 17:54:32 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [130983] Sneak preview of DSWTUN95 release 2.02

Message-ID: <F172DTSWFSSEfLMY3tT00002856@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Hi, gang.

Now have DSWTUN95 working via a Quatech IOP-241 I/O card stuck in a PCMCIA slot on the ThinkPad, and accessed at I/O base address 264(might vary, machine to machine), base ten. Haven't released it 'on' the public as yet 'cuz there's still some tidying up to do.

You may notice that DSWTUN95 continues to shrink in size (currently, 303 X 267 pixels). I'm now developing DSWTUN95 on a PC whose video is set for 640 X 480 pixels so that I can be sure that the program will fit nicely alongside DigiPan/HamScope etc (windows for these downsized to fit as well) on the 640 X 480 pixel screen of the Tiqit Eightythree and similar handheld PCs...I'm determined to take this combo to the field some day :)

It ain't real pretty, but may be seen at:

<http://www.qsl.net/n4qa/dsw/dsw202.jpg>

Folks, I've had to go 'exclusive' on my hotmail email account...it's just too tedious picking the 'goodie' emails out of the sea of spam...Also, I view qrp-l (and other lists) via archives only. While I'd love to receive responses from each and every one of you, the only way it's gonna happen is through the archives unless you happen to be in my 'Contacts' list...sorry it's come to this.

73.

Bill, N4QA

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Mon, 29 Jul 2002 17:07:20 -0500

From: <mgoins@usa.net>

To: <qrp-l@lehigh.edu>

Subject: [130984] CAUTION

Message-ID: <20020729220720.2538.qmail@uwdvg020.cms.usa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

I just received a KLEZ worm from w4rnl <w4rnl@arrrl.org>. =

May not be him, may be a remail from his address list or whatever. Be careful of this one.

mike
wb5yjx

Date: Mon, 29 Jul 2002 18:09:16 -0400
From: Wb4taj9@aol.com
To: qrp-1@lehigh.edu
Subject: [130985] Re: Coax Adapter Loss -- Mostly Myth
Message-ID: <4CAAD47C.77BB4AB6.001A2DB5@aol.com>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

>>75 ohm BNCs are usually found in BNC equipment>>

Mike,

Actually, not quite so. In spite of the fact video wiring uses various 75 ohm cables, the practice until quite recently has been to use 50 ohm BNC connectors. This is because they are more common, and slightly more rugged. If you look at the female of a "true 75 ohm" pair you will see that there is no dielectric around the female pin. This makes them much more prone to getting garfed in the connection process. There is also less dielectric in most of the "true 75 ohm" males. Some manufacturers use a different dielectric material which is clear in the "true 75 ohm" connector. I put "true 75 ohm" in quotes because there is a history with BNCs. While it is true that all analog video gear up to now has used 50 ohm BNCs, the advent of digital television has raised interest in going to "matched impedance lines" as HD video has a bandwidth beyond 1.4 GHz. Some manufacturers began offering a "75 ohm" BNC connector which made the proper dielectric modifications, but continued to use the larger 50 ohm pin. Perhaps for compatibility with existing 50 ohm sockets. The result of using a 50 ohm pin and a 75 ohm plug body produced a connector with an impedance somewhere in the vicinity of 68 ohms. When users began to realize what was happening, there was a small flap, and "true" 75 ohm connectors were offered with the proper size pin. The fact is, that I have never observed any problems with any of the three connectors on analog video, standard definition digital signals, or high definition digital signals. The fact is that some manufacturers continue to use 50 ohm connectors on chassis equipment even though stations are putting in 75 ohm

plugs -- probabaly because when all is said and done, it doesn't make any real difference. While you can see any almost connector on a cable with a TDR or network analyzer as a "bump" in the cable, it is highly questionable whether you will ever see any practical effect, especially at HF radio frequencies in usual ham radio applications.

Bob Bruner
WB4TAJ/9

End of QRP-L Digest 2631

